

Date: Sat, 28 May 94 04:30:07 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #585
To: Info-Hams

Info-Hams Digest Sat, 28 May 94 Volume 94 : Issue 585

Today's Topics:

 150 Years
 Bizarre QST statement
 Field Day!
 Ham Radio few problems!
 IDing
 Internet Virus
 need 6 meter info to get started
 Need Advice
 Radio networking - with PC's
 Site to look up frequenciies
 Software to make mock VEC tests
 What does HAM mean ?
 Where to find info about ax.25 ???

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Fri, 27 May 1994 14:21:29 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!darwin.sura.net!coil!
emerald.nist.gov!proctor@network.ucsd.edu
Subject: 150 Years
To: info-hams@ucsd.edu

In article <drew.131.0@trl.oz.au> drew@trl.oz.au (Drew Diamond) writes:

->

-> Interesting how things go round in cycles. Here we are, 150 years
^^^^^^

Just in case anyone misunderstood, he did mean "cycles" and NOT
"cycles per second" :-)

-> after Morse, sitting at our "workstations", tapping away.

--

James E. Proctor | proctor@onyx.nist.gov | National Inst. of Stand. & Tech.
My opinions are my own. I have the receipt to prove it.

"Waiter, this food has snails in it!" - Lucy Ricardo in French Restaurant

"I feel like roadkill on the Information Superhighway!" - Doug Marlette

Date: 27 May 1994 14:23:16 GMT

From: ihnp4.ucsd.edu!usc!math.ohio-state.edu!uwm.edu!vixen.cso.uiuc.edu!
usenet@network.ucsd.edu

Subject: Bizarre QST statement

To: info-hams@ucsd.edu

In <CqDxx8.EtJ@nntpa.cb.att.com>, bob@mtdcr.att.com (14033-
R.SCHREIBMAIER(MT5655)1223MT) writes:

>Apparently, if you use sweep tubes properly they aren't that bad.

>

>On the other hand, I once had a Hallicrafters SR-400 that had a pair
>of 6HF5s running at over 200 watts output. Had to replace the finals
>every 4-5 months. And I didn't even operate that often!

>

I used 6HF5's in SWAN 500. They input was about 350W in on CW and I
believe at least 500W on SSB. I tuned the transceiver in by sending
fast dots in CW to halve plate losses, and the tubes showed no
sign of deterioration over the period of 2 years and quite active
work.

I would love to have an amp with 4 6HF5 tubes. SWAN 500 was the only
rig where many more people could hear me than I could hear them. Being
often one of the first to sign on 80 m DX nets in Europe, I often
could not signal reports of weak DXs.

I compared IC-735 with SWAN 500. The Icom routinely got reports 2 S
lower! So in summary, TV tubes are great peak performers but risky
for inexperienced ones. This does not disagree with the QST.

Ignacy Misztal

E-mail: ignacy@uiuc.edu

University Of Illinois

Ham radio: N09E, SP8FWB

1207 W. Gregory Dr., Urbana, IL 61801, USA

tel. (217) 244-3164

Fax: (217) 333-8286

Date: 27 May 1994 15:17:33 GMT
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!gumby!wupost!spool.mu.edu!news.cs.indiana.edu!
usenet.ucs.indiana.edu!master.cs.rose-hulman.edu!news@network.
Subject: Field Day!
To: info-hams@ucsd.edu

Chris,

I read what u sed abt batteries
=====

> Chris Moore
> N6IYS
> cmoore@cancun.rose.hp.com
=====

I think you need to get a deep cycle battery such as for trolling motors.

I have three such batteries now. (My camping trailer runs on 12 volts exclusive of the air cond.) My rule is when seeking out such a battery is if it has the word "starting" anywhere on it, I don't buy it.

But of course a plain old car battery will work in a pinch. Goodness knows that before all those D.C. batteries were available, hams used 12-V car batteries.

73 de Jack, K9CUN

Date: 27 May 1994 09:31:14 -0400
From: ihnp4.ucsd.edu!swrinde!emory!europa.eng.gtefsd.com!news.umbc.edu!eff!
news.kei.com!hookup!news2.sprintlink.net!news.sprintlink.net!rtp.vnet.net!
char2.vnet.net!not-for-mail@network.ucsd.edu
Subject: Ham Radio few problems!
To: info-hams@ucsd.edu

Michael P. Daignan (md@maxcy2.maxcy.brown.edu) wrote:
: rogjd@netcom.com (Roger Buffington)
: > I have been a radio amateur since I was a teenager, back in '66, and in
: > my opinion amateur radio has never been healthier. The no-code license
: > has proven to be a fabulous vehicle for bringing new people into the
: > hobby.
: I'm glad that amateur radio in your area is healthy. In this area its
: in poor health, slowly approaching what amateur radio has become in

: southern california. Most of the problems have been with CBers coming
: into the hobby and bringing their bad habits with them. 90% of the
: callsigns I hear on local 2 meter repeaters are N1xxx no-code calls.
: The elmers have fled to the safety of private repeaters or other bands.
: MD
: --
: -- Michael P. Deignan
: -- Amalgamated Baby Seal Poachers Union, Local 101
: -- "Get 'The Club'... Endorsed by Baby Seal poachers everywhere..."

How sad. I came to amateur radio after many years of law enforcement, CAP, and even CB. If it hadn't been for a LOT of really nice folks I might have given up or been terribly frustrated. WA9JOB, WA9POV, KA9DDN, WB9RQR, N9UBF, WI9M, and a lot of others point out when I am making a mistake or contrary to some local "custom". Now that I've been around for 6 months I sometimes disagree (and since I participate in the work parties and projects). I am proud to say that I have passed on some of what was given to me with N9VG0/AE (he took his 1st test last September), N9WHT, and a couple of others "in progress"

If we are not willing to work on our fellow hams and teach them what we expect of them - I'm SURE that the ever-expanding federal bureaucracy will find it convenient (and profitable?) to do it for us.....

73 de David W. Barrow III, N9UNR (Uninformed New Ratchetjaw)
exe02594@vnet.net
N9UNR@WA9POV.#MKE.WI.USA.NA

Date: 27 May 94 23:11:06 GMT
From: news.mtholyoke.edu!news.byu.edu!news@uunet.uu.net
Subject: IDing
To: info-hams@ucsd.edu

Sir Hoagy (hoagy@illuminati.io.com) wrote:
| Don't go "This is AB1CDE monitoring 146.88" You don't *need* to
| say what frequency you're monitoring. To monitor means to
| listen for others who wish to talk. You're not doing it for the benefit
| of the listener on a scanner.

As was mentioned before, some hams scan a number of different frequencies -- and the radio may have continued on to the next one before the listener has a chance to stop the scan. Announcing the frequency allows him to know which memory channel to go back to.

Some people get really uptight over the speaking habits of others -- "for

ID", "73s", etc., but I don't. There are other things I'd rather spend my time on.

73 --

--

Ed Haymore | AA6EJ
ed@byu.edu | 3.0x10^8 m/s -- it's not just a good idea. It's the law.

Date: Fri, 27 May 1994 14:25:27 GMT
From: wang!dbushong@uunet.uu.net
Subject: Internet Virus
To: info-hams@ucsd.edu

jherman@uhunix3.uhcc.Hawaii.Edu (Jeffrey Herman) writes:

>Gang: Just got this via email. I do not attest to its authenticity.

>Jeff NH6IL

>*****

>[...]

>A Virus has been discovered on Internet that is disguised as CD-ROM shareware.

>[...]

The information in that post is essentially correct. There was some discussion of it in the virus newsgroups when it first appeared.

--

Dave Bushong, Wang Laboratories, Inc.

Date: 27 May 94 23:39:25 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!usc!math.ohio-state.edu!magnus.acs.ohio-state.edu!rlauer@uchvax.berkeley.edu
Subject: need 6 meter info to get started
To: info-hams@ucsd.edu

I am interested in getting into 6 meters, however i do not know a thing about it. I am hoping that someone will take the time to give me some information to get me started. I guess that I need some advice on what type of rig to buy, I will have to buy used I think, do to normal college student budget constraints. What do I need to look for in a rig? I have managed to find someone who is selling an Icom 551D, he wants \$550 which seems a little high to me. Is that a good price? Anything else you could share will be most appreciated. I have tried to find books on 6 meters but so far no luck.

thanks
bob lauer
kb8rlm

73

Date: 27 May 1994 09:43:49 -0400
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!swrinde!emory!europa.eng.gtefsd.com!
news.umbc.edu!eff!news.kei.com!hookup!news2.sprintlink.net!news.sprintlink.net!
rtp.vnet.net!char2.vnet.net!@network.
Subject: Need Advice
To: info-hams@ucsd.edu

Tony Derry (TONY@wvnm.wvnet.edu) wrote:

: I am interested in getting my father started using ham radio. (he
: is an avid CB'r so the initial interest is there.) I am looking for
: some direction with regard to "what would be a good starter set?"
: A friend has recommended a Yaesu FT2200, Astron Power supply and
: antenna. Does anyone concur? Have any other ideas? I do need some
: help.
: tony

Tony,

Might I suggest the Gordon West No-Code Course with diskettes? It does
a thorough job of preparation for the Novice/Tech written.

If your dad drives a fair amount I would recommend a Radio Shack
2m HT (when they are on sale at about \$180), a Larson mag mount antenna,
and a gel cel powerpack, why not make him a twin-lead j-pole for indoor
use. This way he has everything he needs for portable/mobile/fixed
operation. Then introduce dad to ARES/RACES ...

.
73 de Dave Barrow, exe02594@vnet.net, N9UNR@WA9POV.#MKE.WI.USA.NA

Date: Fri, 27 May 1994 13:58:50 GMT
From: ihnp4.ucsd.edu!agate!spool.mu.edu!uwm.edu!mixcom.com!
kevin.jessup@network.ucsd.edu
Subject: Radio networking - with PC's
To: info-hams@ucsd.edu

In <2s2pe8\$1d5@ratatosk.uninett.no> sandland@nki.no (Sandland Oerjan) writes:

>Hi all !!

>We are a few students at NKI College of engineering who are

>considering to do a project on Radio networking.

Do you want to BUILD or BUY the RF portion?

>To say it in a (too) simple way....we want to "replace" the
>existing coax-cable in the network with radio-signals....
>preferably digital ones....but we dont know yet.

There is commercial RF narrow-band and spread spectrum gear
capable of mega-bit per second (and greater) data rates
that can cover over 10 miles when using a beam antenna.
For the SS gear, you do not need an FCC licencse of any kind.

Thae amateur radio community will be unable to provide any
high data rate solutions. Then again, the commercial stuff
is not cheap! Expect to spend several thousand for high
data rate spread spectrum equipment that has a range greater
than a few hundred feet. For the shorter distances, it's
not that expensive compared to the cost of a contractor
or consultant doing the LAN wiring for you.

For the high-end, high \$\$ stuff, try...

Transformation Techniques
Cleveland, OH
216-243-9033

They have a great 5 mile 19.2KBPS SS station that accepts
serial data input and blasts it out over RF. Outs it
comes on the other side. ABout \$1000.00 per seat.
Their Mega BPS stuff is several thousand per station.

Cylink
Sunnyvale, CA
408-735-5800

38.4 KBPS Spread Spectrum "modems"
1000 feet range with the stubby duck through a congested building.
30 miles line of sight with beam antennas.
All SS, so no license required. Plug and play!

Of course, there's always amateur radio packet! Study hard,
pass your test, wait 4 months for your license, spend about \$1200
bucks to set up two packet stations (including power supplies, TNCs,
radios, coax and vertical antennas) and then talk to each other at

1200 baud! WOW! MyT impressive. ;-))

For only twice the cost of the amateur layout and a lot less work,
you can be on the air at 38.4KBPS with SS gear and no noise from
the FCC.

See, I knew I could turn this into another debate! ;-))

--

/`- _	kevin.jessup@mixcom.com		Vote Libertarian!
{	}		
\	/		Call 1-800-682-1776
__*	N9SQB @ WA9POV.#MKE.WI.USA.NA		for more information.

Date: 27 May 94 23:34:38 GMT
From: dog.ee.lbl.gov!ihnp4.ucsd.edu!news.cerf.net!ccnet.com!ccnet.com!not-for-
mail@ucbvax.berkeley.edu
Subject: Site to look up frequencies
To: info-hams@ucsd.edu

John Lundgren (jlundgre@news.kn.PacBell.COM) wrote:

For California FCC licence data and usa mobile only licence data

: Telnet to tcomeng.com password is FCC.

the password is case sensitive use fcc

--

Bob Wilkins	work	bwilkins@cave.org
Berkeley, California	home	rwilkins@ccnet.com
94701-0710	play	n6fri@n6eeg.#nocal.ca.usa.noam

Date: 27 May 1994 09:57:54 -0400
From: agate!howland.reston.ans.net!gatech!news-feed-1.peachnet.edu!news.duke.edu!
eff!news.kei.com!hookup!news2.sprintlink.net!news.sprintlink.net!rtp.vnet.net!
char2.vnet.net!@@ihnp4.ucsd.edu
Subject: Software to make mock VEC tests
To: info-hams@ucsd.edu

Mont Pierce (montp@vortex.eng.sc.rolm.com) wrote:

: I just downloaded the latests vec test pools from ftp.cs.buffalo.edu and
: I was wondering... Is there any software on the internet that will take

: these text files an provide mock tests either on the screen or in
: printed form?
: tn timer,
: km6wt

Mark,

Stop by your local Radio Shack and get the Gordon West NoCode
study guide with diskettes. It will do just what you want for Novice
and Tech. I haven
t seen the stuff for Gen/Adv/Ext but understand that it works the same
way. I think the order point for that is WY5I.
73 de Dave, N9UNR

Date: 24 May 94 16:56:07 +1000
From: ihnp4.ucsd.edu!munnari.oz.au!jabaru.pronet.com!csource!unique!not-for-
mail@network.ucsd.edu
Subject: What does HAM mean ?
To: info-hams@ucsd.edu

-=> Quoting cmoore@ilx018.intel.com to All <=-

cm>In my opinion, it probably originated in antiquity as
cm> a shortening of the cockney way of pronouncing amateur (Hamateur).
cm> You will hear a lot of other explanations but this one seems the
cm> most likely to me.

'Allo Cecil! As a "Real Live Cockney" from the East End of London, I 'ave
never 'eard of this one!

'ave a nice day!

Ron, VK5RY in Souf Haustralia.

cm> 73, KG7BK, CecilMoore@delphi.com

cm> -!-

cm> ! Origin: FidoNet<->AARNET Gateway, Melbourne, VIC (3:50/40)

Date: 27 May 1994 16:17:00 GMT
From: ihnp4.ucsd.edu!swrinde!pipex!sunic!trane.uninett.no!nac.no!nntp-
oslo.uninett.no!nki.no!sandland@network.ucsd.edu
Subject: Where to find info about ax.25 ???
To: info-hams@ucsd.edu

Hi all !

I need to find as much info as possible in the ax.25 protocol.....
rfc's faq's anything !

thanks !

Orjan Sandland

Date: Fri, 27 May 1994 08:09:00 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!psuvax1!news.pop.psu.edu!news.cac.psu.edu!
newsserver.jvnc.net!rohvm1!rohvm1.mah48d@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994May24.142838.28167@cobra.uni.edu>,
<rohvm1.mah48d-260594075816@136.141.220.39>, <2s326i\$g0d@hpc Chase.rose.hp.com>
Subject : Re: Field Day!

In article <2s326i\$g0d@hpc Chase.rose.hp.com>, cmoore@mothra.rose.hp.com
(Chris Moore) wrote:

> Once you get this figure, what do you do with it? All the car batteries I've
> seen have just a "cold cranking amps" number, no amp-hour information. Maybe
> it's different for the deep-cycle marine batteries? If not, is there some
> way you can tell how long a battery can sustaining a particular current level
> based on the "cold cranking amps?"

What Ken Nishimura said! The deep-cycle batteries are designed for putting
out a constant current for an extended time, so they are rated in
amp-hours. If you're going to buy a new battery specially for this
purpose, the deep-cycle ones are worth the small additional price over a
car battery. If you get the car batteries free (or have a used one or
something), the 80 amp-hour assumption is good, but remember this is not a
deep cycle device, so you don't want to drain out anywhere near the
full 80 amps; 40 or 50 amp hours is a much safer limit.

--

John Taylor (W3ZID) | "The opinions expressed are those of the
rohvm1.mah48d@rohmmaas.com | writer and not of Rohm and Haas Company."

Date: 27 May 1994 16:18:30 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!europa.eng.gtefsd.com!howland.reston.ans.net!
vixen.cso.uiuc.edu!newsrelay.iastate.edu!news.iastate.edu!kenman@network.ucsd.edu
To: info-hams@ucsd.edu

References <rohvm1.mah48d-260594075816@136.141.220.39>,
<2s326i\$g0d@hpchase.rose.hp.com>,
<rohvm1.mah48d-270594080228@136.141.220.39>.iasta
Subject : Re: Field Day!

In article <rohvm1.mah48d-270594080228@136.141.220.39> rohvm1.mah48d@rohmmaas.com
(John E. Taylor III) writes:
>In article <2s326i\$g0d@hpchase.rose.hp.com>, cmoore@mothra.rose.hp.com
>(Chris Moore) wrote:

>> way you can tell how long a battery can sustaing a particular current level
 ^^^^

Well, I use two deep-cycle batteries (24v system) in my wheelchair, and I
get about 10 miles at 7 MPH! :)

BTW, that's NOT deep-cycles per second! :) :) :)

--
Ken Anderson NOZEM Kenman@iastate.edu PH: 515.294.8996
126 Soil Tilth Bldg., Iowa State University, Ames, Iowa 50011

End of Info-Hams Digest V94 #585
